

10/531615  
14 APR 2005

## UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Armin Böck, et al  
Application Number: Unassigned  
Filing Date: Concurrently Herewith  
Group Art Unit:  
Examiner:  
Title: REMOVABLE DUST COLLECTOR

Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT**

Sir:

In accordance with 37 C.F.R. 1.98, I am submitting a completed "INFORMATION DISCLOSURE STATEMENT BY APPLICANTS" (*Form PTO/SB/08A*) with patents and/or publications as delineated therein attached.

DE 100 21 594 A1 discloses that the invention relates to a dust box (SB) comprising a cyclone (FKA) with an immersion pipe (T), a dust collection compartment (SB) and a filter (F). The inventive dust box (SB) is adapted for use in conventional vacuum cleaners.

DE 40 13 572 C2 discloses that the dust collection space (2) contains a holder (5) with parallel guides for a stiffening plate (6) to which the bag is attached for dust sucked in through an opening (7). The cover (4) of the space (2) is locked in position simply and reliably by a unitray slider (9) which can move parallel to the path of the cover (4) against the force of the spring (11) compressed into the base (10) of its compartment (8) by force on the protruding end (19) of the slider (9).

DE 39 20 313 A1 discloses that the flange (4) of the filter bag is guided between two mouldings (2) on a wall of the housing (1) adjacent to the wall (6) which contains the suction inlet. The mouldings (2) extend away from each other towards the top of the housing (1) so that the tapered flange (4) can take up only one desired position between them. Two opposed rocking levers (5) with recoil springs (8) can be tilted to allow the cover (9) to be imposed.

DE 1 133 094 discloses a vacuum cleaner comprising a housing (10) having an opening, a cover (24) for the housing opening, and a latch (42, 30) that releasably closes the cover (24) on the housing. A dust collector can be inserted into the housing (10) through the opening. The dust collector may include a disposable paper dust bag (74) having a panel (76),

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as shown in Figs. 1, 5, 7 and 8, a cloth dust bag (120) with a metal ring (122), as shown in Fig. 4, and a cloth bag (210) having a fabric parts attached to a metal flange (212) arranged outwardly and supporting a gasket (216), as shown in Fig. 9. A motor driven blower produces an air stream that travels through the dust collector. A movable blocking element (104, 204, 220) is held in an ineffective position when the dust collector is inserted into the housing. However, in response to missing dust collector, the blocking element (104, 204, 220) is movable into the working path of the latch (42, 30), and thereby hinders engagement of the latch (42, 30) on the cover (24).

If no translation of pertinent portions of any foreign language patents or publications mentioned within the "INFORMATION DISCLOSURE STATEMENT BY APPLICANTS" is included with the aforementioned copies of those applications, patents and/or publications, it is because no existing translation is readily available to the Applicants. As per the Notice in 1273 OG 55 (August 5, 2003) no copies of any above-mentioned US patents and US patent application publications are submitted for this application which was filed after June 30, 2003.

Respectfully submitted,



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April 14, 2005

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PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

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Substitute for form 1449/PTO

## **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

*Use as many sheets as necessary.*

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**Complete if Known**

Application Number	Unassigned
Filing Date	Herewith
First Named Inventor	Armin Böck, et al
Art Unit	1797
Examiner Name	Pham
Attorney Docket Number	2002P01213WOUS

## U. S. PATENT DOCUMENTS

## **FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
/M.P./		DE 100 21 594 A1	11-08-2001	AEG Hausgerate		
/M.P./		DE 40 13 572 C2	11-22-1990	Smith, Roy		
/M.P./		DE 39 20 313 A1	01-10-1991	Fleischer, Wolfgang		
/M.P./		DE 1 133 094	07-12-1962	Arnold H. Beede, et al		
/M.P./		International Search Report	10/02/04			✓

Examiner Signature	/Minh Chau Pham/	Date Considered	02/11/2008
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**EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.<sup>1</sup> Applicant's unique citation designation number (optional).<sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04.<sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).<sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.<sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible.<sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO:** Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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